

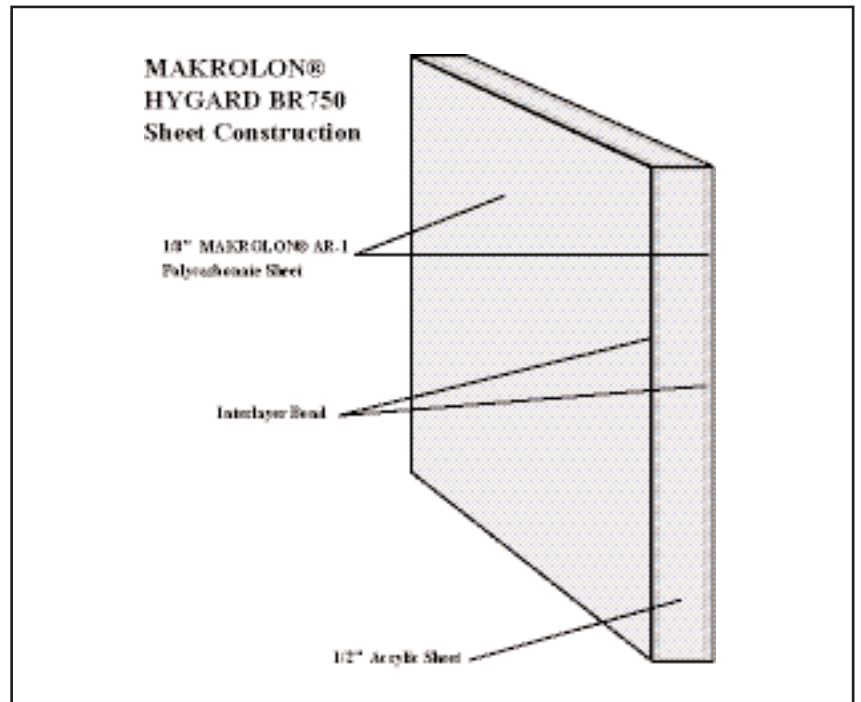
**Ballistic Glazing**

MAKROLON HYGARD BR750 Sheet is a three-ply laminate which meets stringent UL752 Level 1 requirements for ballistic glazing applications. Constructed of polycarbonate and acrylic sheets, the laminate also features an abrasion and UV resistant coating for extended service life in harsh environments.

**Applications**

Government and detention facilities, financial institutions, heavy equipment glazing, specialty retail and 24 hour convenience stores, as well as other cash transaction areas.

|                     |  |
|---------------------|--|
| Nominal Gauge       | .780"  |
| Weight              | 5.1 lbs / sq ft  |
| Shading Coefficient | .89  |
| Light Transmittance | 88%  |
| Sheet Size          | Standard:<br>48" x 60", 48" x 72"<br>38" x 78", 38" x 96"<br>48" x 96", 60" x 72"<br>60" x 96" |



**Regulatory Code Compliance**

ICC  
 UL Level 1 (9mm Full Metal Copper Jacket with lead.)  
 UL File: BP6864  
 Combustability Class CC2

# Product Data

## MAKROLON® HYGARD BR750 Sheet

### Glazing Information

- Structural security framing systems with equal or greater forced entry and/or ballistics ratings as the selected MAKROLON HYGARD laminate are recommended.
- MAKROLON HYGARD laminate should be cut to allow for a minimum of one (1) inch edge engagement in the frame, with sufficient rabbet depth for material expansion (approx. /16"/ft.)
- Use wet or dry sealants/gaskets that are compatible with polycarbonate.
- Remove protective masking after glazing operations are completed and before prolonged exposure to direct sunlight, moisture, or high temperature.

### Product Specification

**MAKROLON HYGARD BR750** polycarbonate and acrylic laminate:

Three-ply, clear MAKROLON polycarbonate sheet constructed as follows:

- 1/8" MAKROLON® AR-1 abrasion resistant surface
- Polyurethane bonding interlayer
- 1/2" acrylic sheet
- Polyurethane bonding interlayer
- 1/8" MAKROLON AR-1 abrasion resistant surface

### Disclaimer

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

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